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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/483,8312200
OIPEDATE: 02/09/2000
TIME: 17:55:09

INPUT SET: S34676.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

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2
3 (1) General Information:
4
5 (i) APPLICANT: UNITED STATES OF AMERICA; DEPT.
6 OF HEALTH AND HUMAN SERVICES
7
8 (ii) TITLE OF INVENTION: MOTILITY STIMULATING
9 PROTEIN USEFUL IN CANCER DIAGNOSIS AND
10 THERAPY
11
12 (iii) NUMBER OF SEQUENCES: 69
13
14 (iv) CORRESPONDENCE ADDRESS:
15 (A) ADDRESSEE: MORGAN & FINNEGAN
16 (B) STREET: 345 PARK AVENUE
17 (C) CITY: NEW YORK
18 (D) STATE: NEW YORK
19 (E) COUNTRY: U.S.A.
20 (F) ZIP: 10154
21
22 (v) COMPUTER READABLE FORM:
23 (A) MEDIUM TYPE: Floppy Disk
24 (B) COMPUTER: IBM PC compatible
25 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
26 (D) SOFTWARE: WordPerfect 5.1
27
28 (vi) CURRENT APPLICATION DATA:
29 (A) APPLICATION NUMBER:
30 (B) FILING DATE:
31 (C) CLASSIFICATION:
32
33 (vii) PRIOR APPLICATION DATA
34 (A) APPLICATION NUMBER: 08/346,455
35 (B) FILING DATE: 28-NOV-1994
36
37 (vii) PRIOR APPLICATION DATA
38 (A) APPLICATION NUMBER: 08/249,182
39 (B) FILING DATE: 25-MAY-1994
40
41 (vii) PRIOR APPLICATION DATA
42 (A) APPLICATION NUMBER: 07/822,043
43 (B) FILING DATE: 17-JAN-1992
44
45 (viii) ATTORNEY/AGENT INFORMATION:
46 (A) NAME: DOROTHY R. AUTH

RAW SEQUENCE LISTING
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99(B) REGISTRATION NUMBER: 36,434
(C) DOCKET NUMBER: 2026-4149US3

(ix) TELECOMMUNICATION INFORMATION:

(B) TELEFAX: (212) 751-6849

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 5
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

Trp His Val Ala Arg
1 5

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

Pro Leu Asp Val Tyr Lys
1 5

(2) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 5
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

Tyr Pro Ala Phe Lys
1 5

(2) INFORMATION FOR SEQ ID NO:4:

(i) SEQUENCE CHARACTERISTICS:

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103 (A) LENGTH: 5 amino acids

104 (B) TYPE: amino acid

105 (D) TOPOLOGY: linear

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107 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

108

109 Gln Ala Glu Val Ser

110 1 5

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112 (2) INFORMATION FOR SEQ ID NO:5:

113

114 (i) SEQUENCE CHARACTERISTICS:

115 (A) LENGTH: 10

116 (B) TYPE: amino acid

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118 (D) TOPOLOGY: linear

119

120 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

121

122 Pro Glu Glu Val Thr Arg Pro Asn Tyr Leu

123 1 5 10

124

125 (2) INFORMATION FOR SEQ ID NO:6:

126

127 (i) SEQUENCE CHARACTERISTICS:

128 (A) LENGTH: 9

129 (B) TYPE: amino acid

130 (D) TOPOLOGY: linear

131

132 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

133

134 Tyr Asp Val Pro Trp Asn Glu Thr Ile

135 1 5

136

137 (2) INFORMATION FOR SEQ ID NO:7:

138

139 (i) SEQUENCE CHARACTERISTICS:

140 (A) LENGTH: 10

141 (B) TYPE: amino acid

142 (D) TOPOLOGY: linear

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145 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

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152 Val Pro Pro Phe Glu Asn Ile Glu Leu Tyr

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/483,831DATE: 02/09/2000
TIME: 17:55:11

INPUT SET: S34676.raw

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153      1              5              10
154
155      (2) INFORMATION FOR SEQ ID NO:8:
156
157          (i) SEQUENCE CHARACTERISTICS:
158              (A) LENGTH: 11
159              (B) TYPE: amino acid
160              (D) TOPOLOGY: linear
161
162
163          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
164
165      Gly Gly Gln Pro Leu Trp Ile Thr Ala Thr Lys
166          1              5              10
167
168      (2) INFORMATION FOR SEQ ID NO:9:
169
170          (i) SEQUENCE CHARACTERISTICS:
171              (A) LENGTH: 16
172              (B) TYPE: amino acid
173              (D) TOPOLOGY: linear
174          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
175
176      Val Asn Ser Met Gln Thr Val Phe Val Gly Tyr Gly
177          1              5              10
178
179      Pro Thr Phe Lys
180          15
181
182      (2) INFORMATION FOR SEQ ID NO:10:
183
184          (i) SEQUENCE CHARACTERISTICS:
185              (A) LENGTH: 12
186              (B) TYPE: amino acid
187              (D) TOPOLOGY: linear
188
189
190          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
191
192      Asp Ile Glu His Leu Thr Ser Leu Asp Phe Phe Arg
193          1              5              10
194
195      (2) INFORMATION FOR SEQ ID NO:11:
196
197          (i) SEQUENCE CHARACTERISTICS:
198
199
200
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202
203              (A) LENGTH: 23
204              (B) TYPE: amino acid
205              (D) TOPOLOGY: linear
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RAW SEQUENCE LISTING
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206
207 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
208
209 Thr Glu Phe Leu Ser Asn Tyr Leu Thr Asn Val Asp
210 1 5 10
211
212 Asp Ile Thr Leu Val Pro Glu Thr Leu Gly Arg
213 15 20
214
215
216 (2) INFORMATION FOR SEQ ID NO:12:
217
218 (i) SEQUENCE CHARACTERISTICS:
219 (A) LENGTH: 18
220 (B) TYPE: nucleic acid
221 (C) STRANDEDNESS: single
222 (D) TOPOLOGY: linear
223
224 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
225
226 GTTGGCAGCN ACRTGCCA 18
227
228
229 (2) INFORMATION FOR SEQ ID NO:13:
230
231 (i) SEQUENCE CHARACTERISTICS:
232 (A) LENGTH: 18
233 (B) TYPE: nucleic acid
234 (C) STRANDEDNESS: single
235 (D) TOPOLOGY: linear
236
237 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:
238
239 TGGCAYGTNG CTGCCAAC 18
240
241 (2) INFORMATION FOR SEQ ID NO:14:
242
243 (i) SEQUENCE CHARACTERISTICS:
244 (A) LENGTH: 15
245 (B) TYPE: nucleic acid
246 (C) STRANDEDNESS: single
247 (D) TOPOLOGY: linear
248
249
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251
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253
254 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:
255
256 CTTGAAGGCA GGGTA 15
257
258 (2) INFORMATION FOR SEQ ID NO:15:

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/483,831

DATE: 02/09/2000
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Line

Error

Original Text